ELCO Lighting

Project name:

Fixture type:

Date:

6" Koto™ Architectural Maximum Adjustability IC Airtight Housing

Koto™ Architectural Housing: 120/277V (0-10V/Triac/ELV) or 120V (Triac/ELV) with optional Emergency Battery Backup. Must be used with Koto™ Architectural LED Light Engines (ELK21 or ELK24 Series). Lumen output based on module.

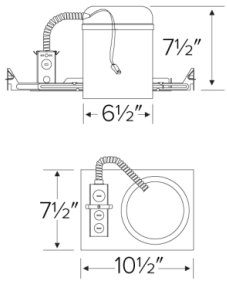
Features

- IC Airtight for direct contact with insulation.
- Easy-to-Remove driver.
- Optional 90 minutes, 120/277 VAC, 60Hz, Emergency Backup.
- Flicker-Free Dimming.
- USA designed and assembled.
- Limited 5 year warranty.
- For use with ELCO Koto™ Architectural LED Light Engines (ELK21 or ELK24 Series).

Specifications

Wattage	14.7W
Lumens	1100 (ELK21 & ELK24) lm
Voltage	120/277V
Dimmable	0-10V/Triac/ELV
Lamp Type	LED
Power Factor	≥0.95
Damp Location	Listed

Dimensions



Technical Details

Construction: Double Wall IC Rated for direct contact with insulation. For use in IC and Non-IC conditions. Up to 1100 lumens. Housing adjusts in frame to accommodate up to 1 1/2" ceiling thickness. Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements.

Installation: Designed for ceiling plenums where 2x6 joists or taller are used. High-strength hanger bars can easily be nailed to joists. Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information. Emergency Battery Back-up Option requires access from above. For use with ELCO Koto™ Architectural LED Light Engines (ELK21 or ELK24 Series).

Junction Box: Positioned to accommodate straight conduit runs. Two 3/4” knockouts, Seven 1/2” trade size conduit knockouts, One 3/8" knockout. Four Pry-out knockout slots for easy romex installation.

Hanger Bars: Pre Installed hanger bars with True Nail easy installation in regular lumber, engineered lumber, and Laminated Beams. Integral T-bar slots for easy installation in T-Bars. Spans up 24" and can be repositioned 90°. Score lines allow for tool-free hanger bar size reduction. Integral leveling flange allows for single-person installation while easily aligning the housings with the joists.

Electrical: Driver is rated for 120V and 277V input (120/277V). High-Efficiency driver with a power factor > 0.95.

Emergency Battery Pack: Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.

Dimmability: 3-in-1 dimming: Triac, ELV and 0-10V dimming in one driver. 0-10V dimming down to 5% with a compatible dimmer. Can be specified with Lutron drivers for 0.1% and 1% dimming. For a full list of dimmers refer to the Dimmer Compatibility List.

Listings: cUL Listed for Damp Location and for Wet Location with select trims. cUL Listed for Direct Contact with Insulation and Combustible Material. cUL Listed for Feed Through.

Product Numbers

Item	Description	Lamp type	Lumens	Watts	Voltage	Dimming
E6LK38ICAD	Maximum Adjustability Housing	LED	1100 (ELK21 & ELK24) lm	14.7W	120/277V	0-10V/Triac/ELV

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Product Number Builder Example: **E6LK38ICAD**

6" Koto™ Architectural ICA Housing	Voltage	Dimming
E6LK	**38** 120/277V [1]	**ICA** Triac/ELV **ICAD** 0-10V/Triac/ELV

[1] Available as 120/277V, 0-10V/Triac/ELV only

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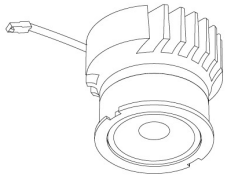
Compatible Products

ELCO Lighting

For use with Dedicated **6" Architectural Maximum Adjustability ICA LED Housings**

Koto™ Architectural LED Light Engine



Koto™ LED Light Engine
ELK21 & ELK24

PRODUCT NUMBER BUILDER

Koto™ LED Light Engine	Lumens	Color Temperature	Beam Angle
ELK			
	21 1100 - 1500 lm[1]	**27D** 2700K	**(blank)** 38° lens (Standard)
	24 1100 - 1800 lm[1]	**30D** 3000K	**-S** 18° lens
		35D 3500K	**-N** 25° lens
		40D 4000K	**-W** 60° lens
			-FC 18° - 50° Adjustable

[1]Wattage based on housing.

ACCESSORIES

Lens

EP731C	18° Lens
EP732C	25° Lens
EP733C	38° Lens
EP734C	60° Lens

**EP732C, EP733C, EP734C Included*

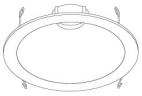
Snoot

L50W	White
L50B	Black

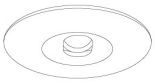
Secondary Optics

L45	Hex Louver
L46	Linear Lens
L47	Spread Louver
L49	Frosted Lens
L51	Color Shifter

6" Pex™ Twist-On Trims

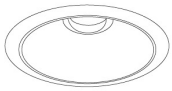


Reflector
ELK6418
Finishes:
(W, BB, BZ, H)



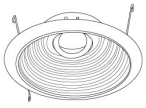
Adjustable Slot Aperture
ELK6420
Finishes:
(W)

6" Flexa™ Twist-On Trims



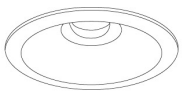
Reflector
ELK610
Finishes:
(WW, BB, BZBZ, BW, CC, CW, CN, HW)

Adjustable Reflector
ELK629
Finishes:
(WW, BB, BW, BZBZ, CW, HW)

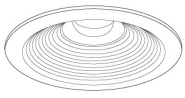


Adjustable Baffle
ELK693
Finishes:
(WW, BB, BW, BZBZ)

6" Unique™ Twist-On Trims



Reflector
ELK6710
Finishes:
(W, B, BZ)



Baffle
ELK6713
Finishes:
(W, BZ)

Wall Wash
ELK6715
Finishes:
(W, BZ)

*Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black Reflector w/White Ring, **CC** - Chrome Reflector w/Chrome Ring, **CN** - Chrome Reflector w/Nickel Ring, **CW** - Chrome Reflector w/White Ring, **HW** - Haze Reflector w/White Ring

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